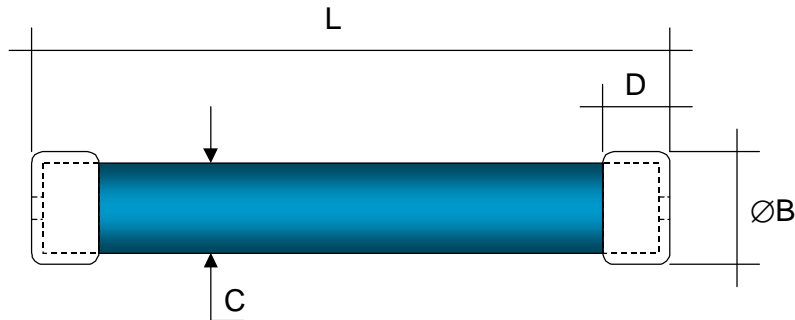




Ultra High Voltage Resistors - Non Inductive

▪ Serie 1000 Cylindrical



Type	P 40 ° C (watt)	U (kV)	L	B	C	D
1000.150	150	200	470	46	38	25
1000.200	200	250	600	46	38	25
1000.250	250	300	800	54	48	25
1000.300	300	400	1000	54	48	30

Dimensions in mm

▪ Characteristics

Design / Technology	Exclusive Non-Inductive Design with Uniform Voltage Distribution / Thick Film		
Resistance Values	from 1MΩ to as high as 100GΩ		
Tolerances	±10%, ±5%, ±2%, ±1%, ±0.5%, ±0.25%, ±0.1% or ±0.05%		
Temperature Coefficients	100 ppm/° C, 50 ppm/° C, 25 ppm/° C or 15 ppm/° C, (10 ppm/° C and 5 ppm/° C on request)		
Voltage Coefficient	< 0.003 ppm/V		
Operating Temperature	-55 ... + 225° C	(extended temperature range available)	
Insulation Resistance	> 10'000 MΩ	500 Volt 25 ° C 75% Relative umidity	
Thermal Schock	Δ R/R 0,2% max	MIL Std. 202, method 107 Cond. C	IEC 68 - 2 -14
Overload	Δ R/R 0,25% max	2,5 × Pnom, 5 sec (do not exceed 1,5 × V max)	
Moisture Resistance	Δ R/R 0,25% max	MIL Std. 202, method 106	IEC 68 - 2 - 3
Load Life	Δ R/R 0,2% max	1000 hours at rated power	IEC 115 - 1
Encapsulation	Conformal Coating		
Lead Material	Brass Caps / Ferrule Terminations		

▪ Derating Curve

